ORDER NO. MD0412603C7
A6

Service Manual

Speaker System

SB-W680P

Colour
(S)... Silver Type

SB-W680

SPECIFICATIONS

Specification

PDF created with pdfFactory Pro trial version www.pdffactory.com

Type	1 way, 1 speaker system (Bass reflex)
Speaker unit(s)	Impedance 4 Ω
Subwoofer	17 cm (6-3/4") cone type
Input power (IEC)	220 W (Max)
Output sound pressure	86 dB/W (1.0 m)
Frequency range	35 Hz - 500 Hz (-16 dB)
	50 Hz - 250 Hz (-10 dB)
Dimensions (W x H x D)	270 mm x 287 mm x 283 mm
	(10-5/8" X 11-5/16" X 11-5/32")
Mass	4.1 kg (9 lbs)

Notes :

1. Specifications are subject to change without notice.
2. Mass and dimensions are approximate.
3. The labels "HIGH" and "LOW" on the rear of the speakers refer to High frequency and Low frequency.

■ System : SC-HT680PC-S	Music Center : SA-HT680PC-S
	Front Speaker : SB-HT680P-S
	Subwoofer : SB-W680P-S
■ System : SC-HT680P-S	Music Center : SA-HT680P-S
	Front Speaker : SB-HT680P-S
	Subwoofer : SB-W680P-S
■ System : SC-HT680PL-S	Music Center : SA-HT680PL-S
	Front Speaker : SB-HT680P-S
	Subwoofer : SB-W680P-S

© 2004 Matsushita Electric Industrial Co. Ltd.. All rights reserved.
Unauthorized copying and distribution is a violation of law.

⚠ WARNING

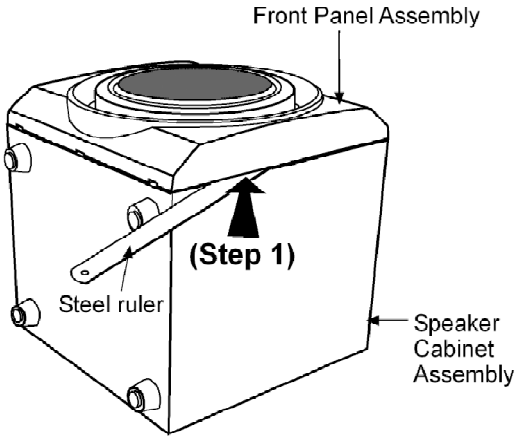
This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

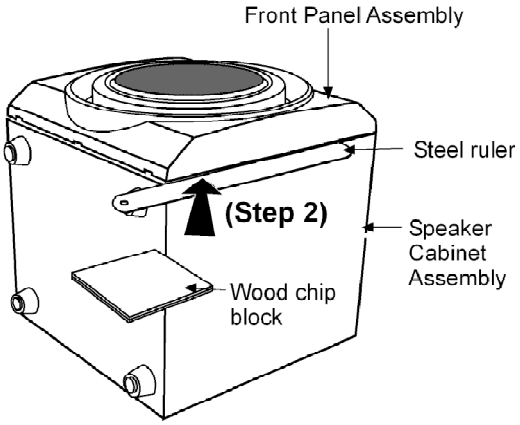
1. Disassembly of the Speaker

1.1. Disassembly of the Front Panel Assembly

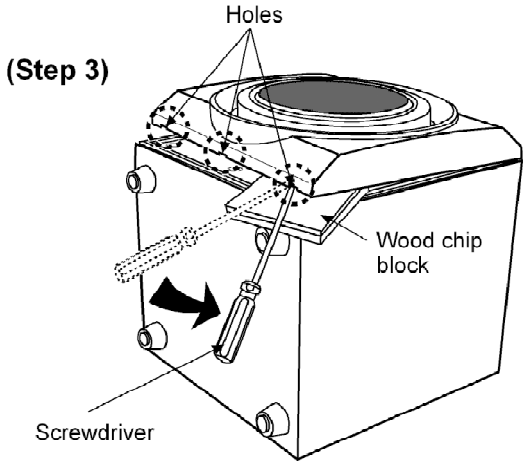
PDF created with pdfFactory Pro trial version www.pdffactory.com



Step 1 : Slot a steel ruler as arrow shown to make gap / allowance between the Front Panel Assembly and the Speaker Cabinet Assembly.

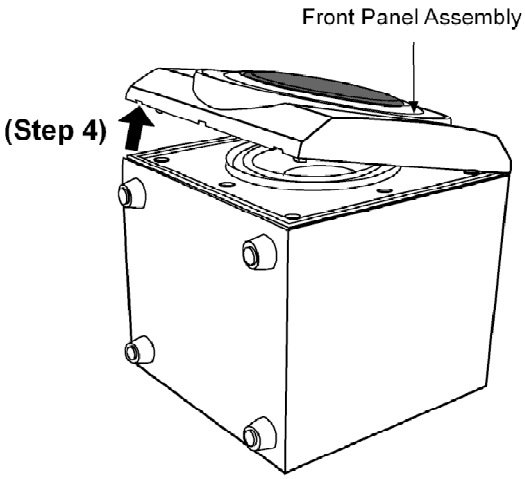


Step 2 : Slot a piece of wood chip block with the steel ruler above it as arrow shown.



Step 3 : Use the screw driver to slot into the holes and slightly lift up the Front Panel Assembly as arrow shown. Ensure that the screwdriver is above the wood chip block when doing this process.

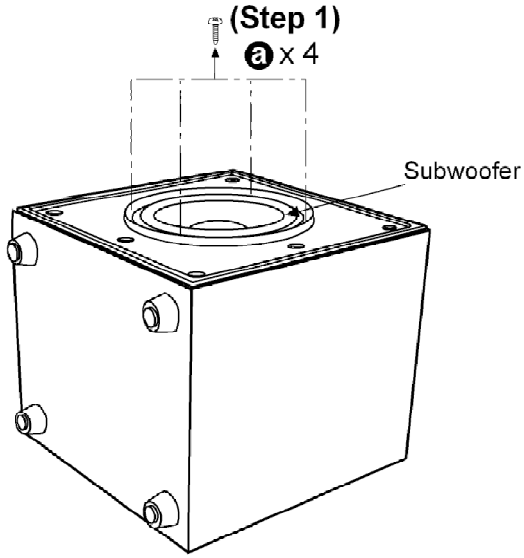
PDF created with pdfFactory Pro trial version www.pdffactory.com



Step 4 : Pull the Front Panel Assembly up to remove as arrow shown.

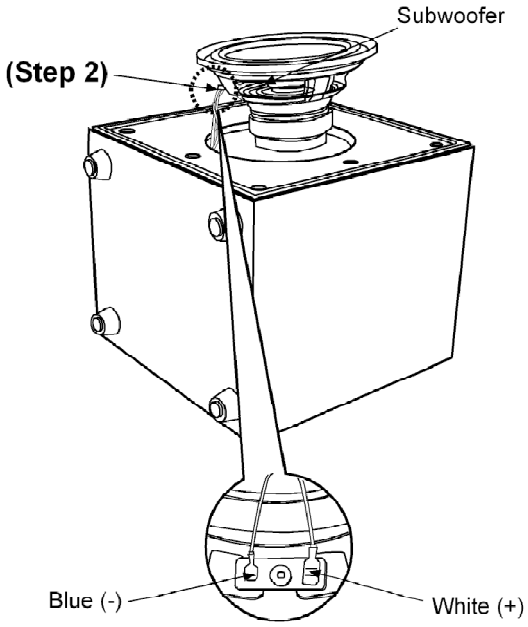
1.2. Disassembly of the Subwoofer

Repeat step 1 to step 4 in item 1.1.



Step 1 : Remove all four screws from the subwoofer.

PDF created with pdfFactory Pro trial version www.pdffactory.com



Step 2 : Remove the wires (+) white and (-) blue from subwoofer.

2. Connection of the Speaker Cables

- Be sure to connect speaker cables before connecting the AC power supply cord.

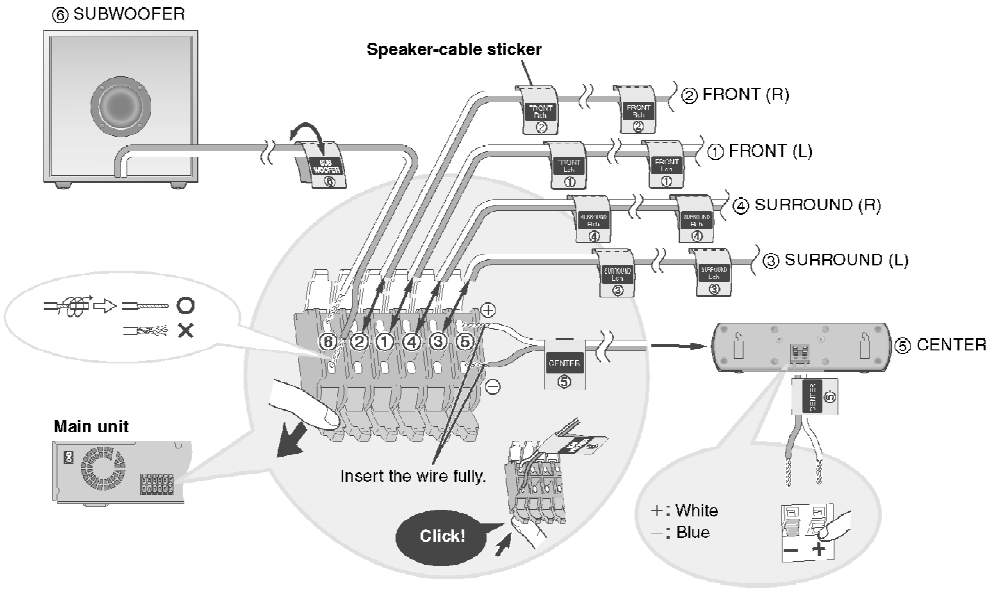
- The load impedance of any speaker used with this unit must be 4 Ω .

- Be sure to connect the cable from the right speaker to the right terminal and the cable from the left speaker to the left terminal.

1. Strip off the outer covering, and twist the center conductor. Make sure the bare ends of the wires are not unravelled. (If they are, twist them tight again.)

2. Insert the wire to the rear panel of the unit and close the lever.

PDF created with pdfFactory Pro trial version www.pdffactory.com

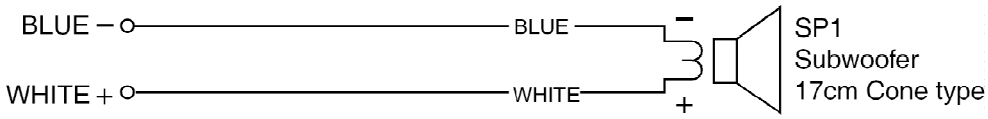


Notes :

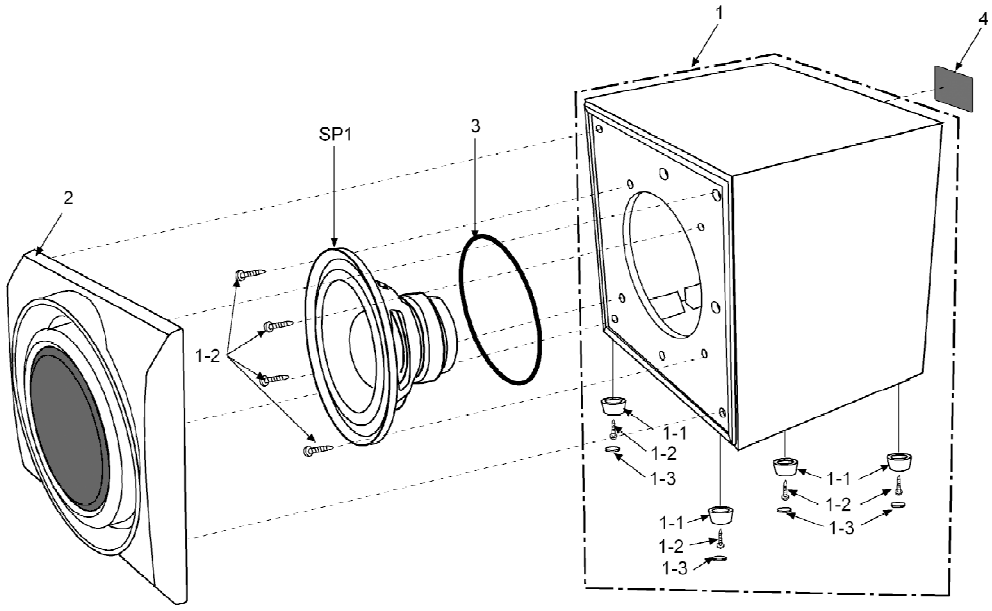
- To prevent damage to circuitry, never short-circuit positive (+) and negative (-) speaker wires.

- Be sure to connect only positive (white) wires to positive (+) terminals and negative (blue) wires to negative (-) terminals.

3. Connection of the Speaker Wiring



4. Cabinet Parts Location



PDF created with pdfFactory Pro trial version www.pdffactory.com

5. Replacement Parts List

Notes :

- Important safety notice :

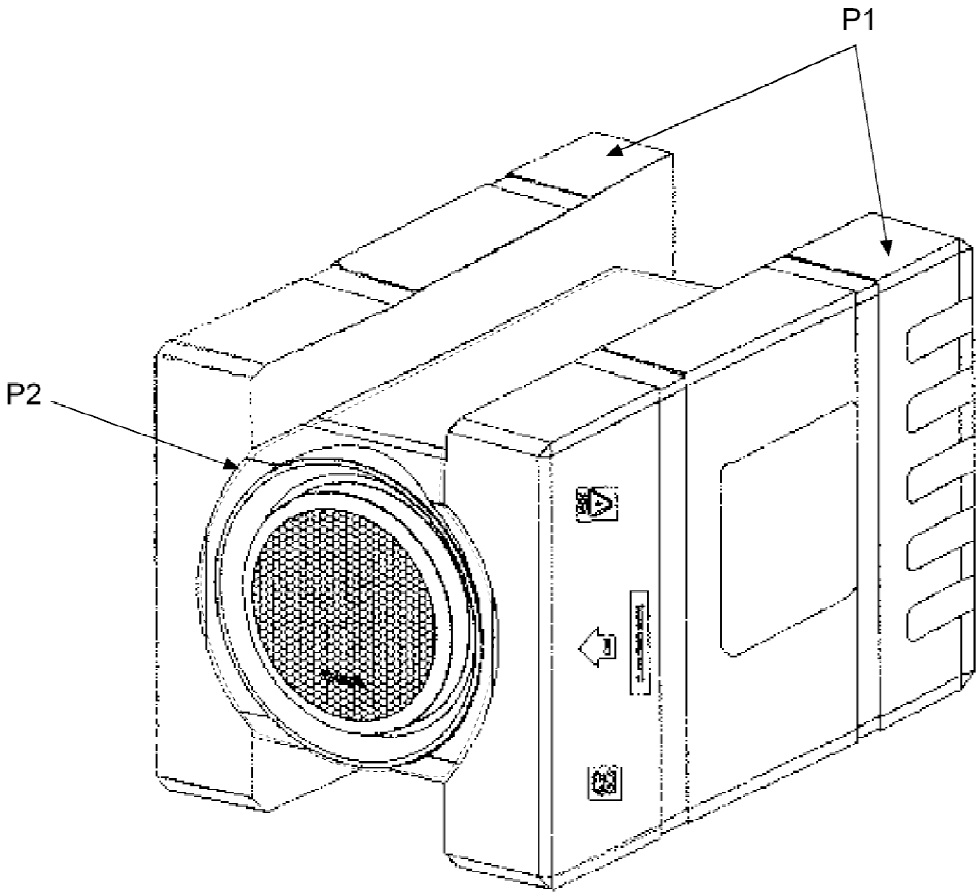
When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.

- [M] markings in the Remarks columns indicates parts supplied by PAVCSG.

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RFKHBW680P-S	SPK CABINET ASS'Y	[M]
1-1	RMQX0083-H	LEG BASE	[M]
1-2	XTB4+14AFJ	SCREW	[M]
1-3	RKAX0019-K	LEG CUSHION	[M]
2	RYPX0092	FRONT PANEL ASS'Y	[M]
3	RMQ0705	EVA PACKING	[M]
4	RGNX0261-K	SPEC LABEL	[M]
		PACKING MATERIALS	
P1	RPNX0298	POLYFOAM	[M]
P2	RPFX0106	MIRAMAT BAG	[M]
		SPEAKER	
SP1	EAST17PL22A6	WOOFER	[M]

6. Packaging

PDF created with pdfFactory Pro trial version www.pdffactory.com



FLE0412W/S

PDF created with pdfFactory Pro trial version www.pdffactory.com